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MEETING NOTES

TO: Distribution **DATE:** November 1, 1994
FROM: Philip Nixon **PROJECT:** Solar Pond IM/IRA
MEMO #: SP307:110194.02

ATTENDANCE:

Phil Nixon, Parsons ES
 Arturo Duran, EPA
 Harlen Ainscough, CDPHE
 Frazer Lockhart, DOE
 Andy Ledford, EG&G
 Steve Keith, EG&G
 Melina Arai, CDPHE

DISTRIBUTION:

Randy Ogg, EG&G	B. Cropper
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M. Matthews, EG&G	R. Henry
(Admin. Record) (2)	M. Hill
Peg Witherill, DOE/SAIC	P. Holland
Scott Surovchak, DOE	S. Hughes
Jeff Ciocco, DOE	D. Kennedy
Jesse Roberson, DOE	R. Lux
Bob Siegrist, LATO	R. McConn
Tom Peters, PRC	D. Myers
Tom Broderick, ERM	A. Putinsky
Eric Graham, ERM	R. Stegen
Alan McGregor, ERM	S. Stenseng
John Haasbeek, ERM	R. Schmiermund
Marcia Dibiasi, IGO	R. Wilkinson
P. Breen	T. Kuykendall
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SUBJECT: Weekly Status Meeting

Steve Keith presented the new proposed IAG milestones. The summary schedule integrates the OU4 program. It was pointed out that the new proposed date for the proposed IM/IRA-EA Decision Document (February 10, 1995) is about 2 weeks later than the date that DOE proposed during the 1994 dispute. The new proposed dates for the responsiveness summary (June 9,

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ADMIN RECORD

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1995) and the final IM/IRA-EA Decision Document (August 29, 1995) is about 1 month later than the date proposed by DOE during the 1994 dispute. The final Title II submittal (December 18, 1995) will be approximately 6 months later than the date proposed during the 1994 dispute. The start of IM/IRA construction (October 1996) is nearly one year later than the 1994 dispute proposed construction start date.

Mr. Keith pointed out that the construction start date for the removal of Building 788 and Building 964 is projected to be in February of 1996. The facility removal needs to be completed before the IM/IRA SEP closure construction can commence.

It was discussed that construction activities would be ongoing throughout 1995 to prepare for the start of the IM/IRA SEP closure construction. The following activities will occur:

- 1) Removal of non-RCRA unit equipment
- 2) Installation of a new gate and access road through the security fence.
- 3) Early site preparation and utility modifications.

It was noted that new scope had been added to the project since the 1994 dispute which impacted the schedule. The DOE is now proposing that pondcrete be consolidate beneath the engineered cover as a component of the IM/IRA. In addition, OU4 will annex Individual Hazardous Substance Site (IHSS) 176 and remove Building 964.

Frazer Lockhart mentioned that the design and installation of the sludge/pondcrete treatment equipment is an important factor in the integrated OU4 schedule. Saltcrete stored on the 904 and 750 Pads needs to be shipped offsite to make room for the sludge/pondcrete treatment system. Mr. Lockhart noted that the SEP closure IM/IRA will apply pressure to the DOE/EG&G team that is working on shipping saltcrete to Envirocare.

Arturo Duran asked Frazer Lockhart if the DOE was satisfied that the extension of the IM/IRA construction start date was appropriate with respect to the programmatic changes. Frazer Lockhart answered that the DOE considers the schedule extension appropriate for the following reasons:

- 1) The project scope changes have had a significant positive impact on the DOE remediation and waste management programs. Additional areas will be closed/remediated (Building 964/IHSS 176). The disposal cost savings from dispositioning pondcrete and sludge beneath the engineered cover are significant.
- 2) The schedule extension reflects the impacts from the 1994 dispute resolution and provides a realistic period for "meaningful" public involvement and input.
- 3) The new proposed IM/IRA construction start date is still ahead of the original IAG construction start date.

Harlen Ainscough questioned why the submittal of the proposed IM/IRA-EA Decision Document was held up until February of 1995. Frazer Lockhart indicated that the new scope items impacted the schedule (pondcrete, IHSS 176, and Building 964). Mr. Lockhart continued that the DOE formally decided at the end of September to accept the risk of proposing (and designing) pondcrete as a component of the IM/IRA. Since then, EG&G has been working to put these new tasks within the EG&G project baseline, as well as into their subcontractors contracts. The contractual activities should be completed to the point where work can commence by the second week of November. Phil Nixon added that the IHSS 176 RFI/RI data has just been completed and made available by OU10 during the last week of October.

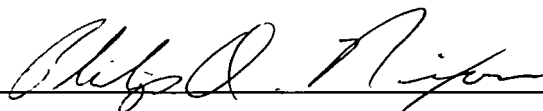
It was discussed that it would be best to submit the IM/IRA-EA Decision Document to the public after the holiday season because members of the public cannot be expected to review the multi-volume document during the holidays. It was agreed that the public will need adequate time to review and comment on the document. It was also agreed that the draft IM/IRA-EA Decision Document has received a significant level of interest by the Citizens Advisory Board (CAB). Frazer Lockhart stated that the project could be placed on hold if there was a high level of public interest that requested that an Environmental Impact Statement (EIS) be prepared for the project.

Harlen Ainscough and Arturo Duran generally agreed that the IM/IRA-EA Decision Document schedule is reasonable after the submittal of the proposed document (February 10, 1995).

Arturo Duran and Harlen Ainscough agreed that they would like the DOE to provide a detailed schedule for agency review prior to the acceptance of the new proposed IAG milestone dates.

It was discussed that EG&G is preparing a plan to accelerate the Phase II project schedule. The agencies will be briefed on the plan after EG&G/DOE are in agreement with the strategy. It was discussed that the Phase I schedule and accelerated Phase II should not be linked together at this time because the Phase II schedule acceleration was currently in the planning stage, and the Phase I IM/IRA project needs a schedule so that project progress is not held up.

Arturo Duran requested that DOE prepare an economic assessment to determine if the loss of a year with respect to the IM/IRA construction schedule was sufficiently offset by the economic advantages of including sludge and pondcrete as components of the IM/IRA.

A handwritten signature in cursive script, reading "Philip A. Nixon", is written over a horizontal line.

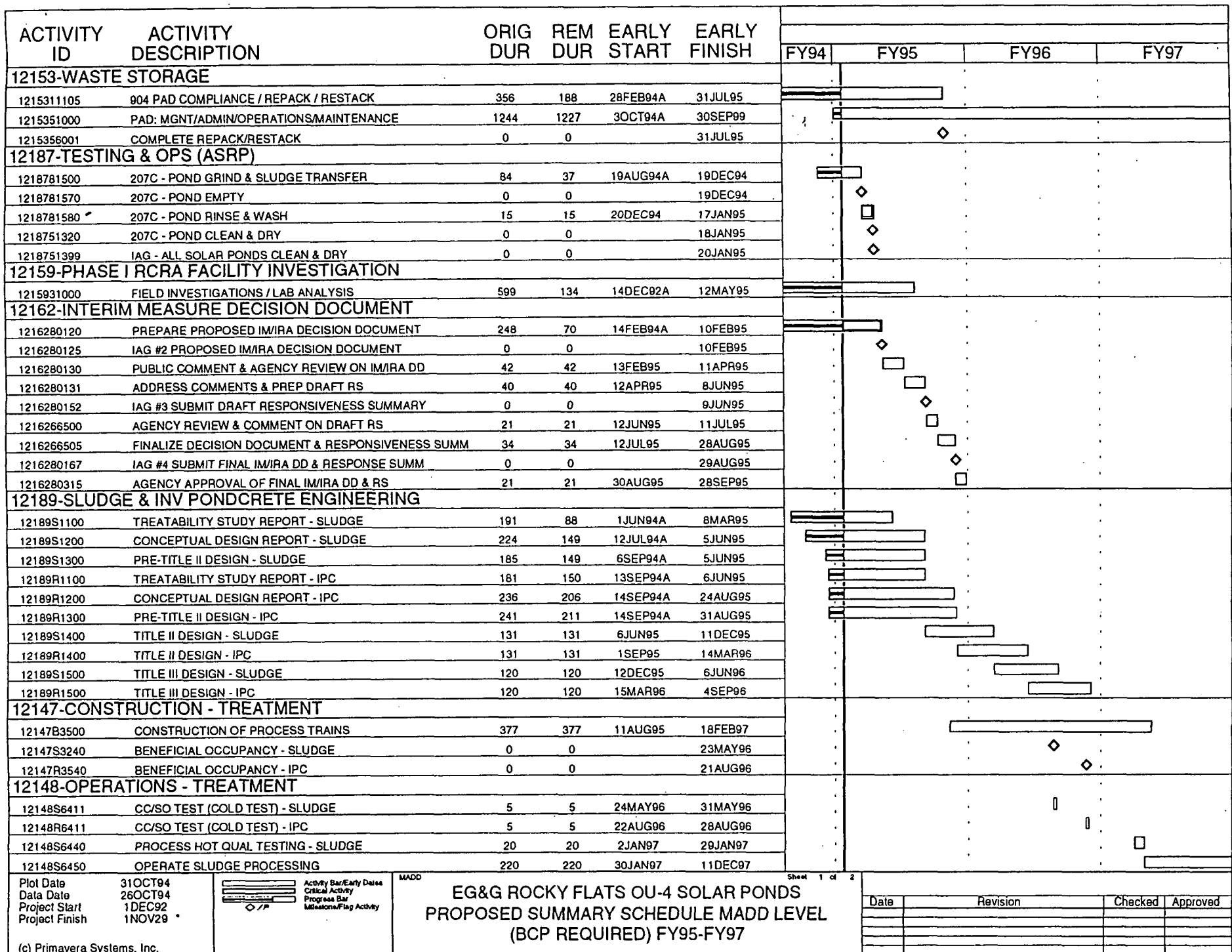
Philip A. Nixon

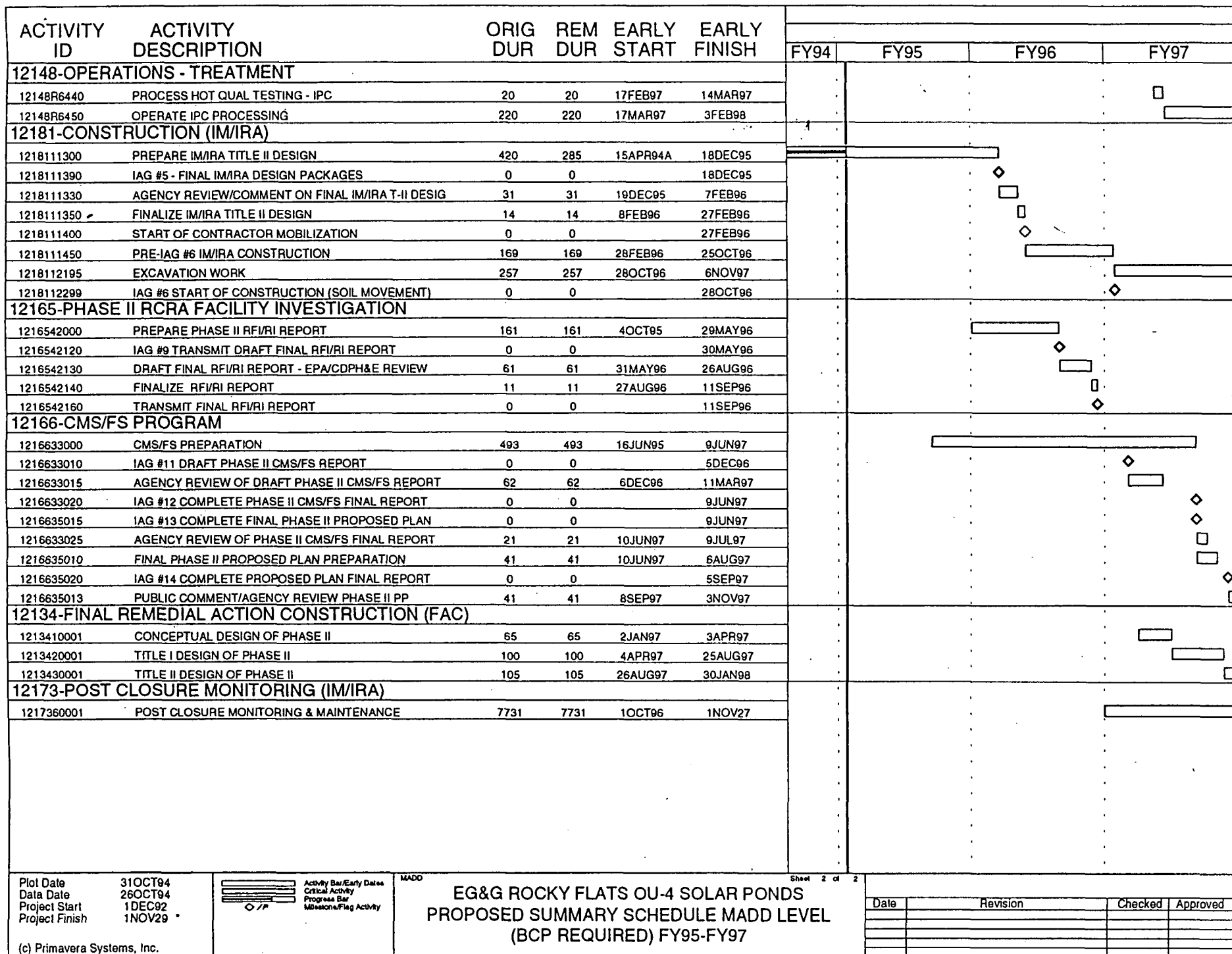
<i>Milestone</i>	<i>Original IAG</i>	<i>Streamline¹</i>	<i>1994 Dispute²</i>	<i>Current³</i>
<i>➤ IM/IRA (Phase I) IAG</i>				
Draft Proposed IM/IRA DD	Apr 14, 1994	Apr 14, 1994 [May 27, 1994]	N/A	May 27, 1994 ✓
Proposed IM/IRA DD	Sep 12, 1994	Jun 24, 1994 [Aug 6, 1994]	Jan 26, 1995	Feb 10, 1995
IM/IRA Responsiveness Summary	Jan 25, 1995	Nov 1, 1994 [Dec 14, 1994]	Jun 5, 1995	June 9, 1995
Final IM/IRA DD and Responsiveness Summary	Apr 24, 1995	Jan 13, 1995 [Feb 25, 1995]	Jul 24, 1995	Aug 29, 1995
Final IM/IRA Title II Design	Jun 24, 1996	Feb 10, 1995	Jun 21, 1995	Dec 18, 1995
Start of IM/IRA Construction	Jan 28, 1997	Sep 27, 1995	Sep 27, 1995	Oct 28, 1996
<i>➤ Phase II IAG</i>				
Draft Phase II RFI/RI Work Plan	Apr 22, 1994	Apr 14, 1994 [May 27, 1994]	May 27, 1994	May 27, 1994 ✓
Final Phase II RFI/RI Work Plan	Sep 19, 1994	Jun 24, 1994 [Aug 6, 1994]	Aug 6, 1994	Aug 6, 1994 ✓ Sep 7, 1994 ✓
<i>➤ Other IAG</i>				
All Ponds Empty	N/A	Jan 20, 1995	Jan 20, 1995	Jan 20, 1995

Notes:

1. Date in brackets represents change made in response to Regulator-requested 43 day extension.
2. Dates were proposed to support increase in scope associated with disposition of pond sludge as part of the interim measure. Dates were rejected by Regulators.
3. New IAG commitment dates: transmitted to agencies 10/20/94

Conditional approval on Phase II 4/P on 10/18/94





OU 4 MAD SCHEDULE ASSUMPTIONS

- Sludge and inventoried pondcrete are to be minimally treated and disposed of under the engineering cap. Full impact of this scope change has not been fully assessed. In addition, these impacts to IAG milestones are in negotiation with the regulators. Impacts will be handled through the change system. This schedule is based on current funding constraints and review cycles which will probably be changed during negotiations.
- Rocky Flats Environmental Technology Site (RFETS) Environmental Restoration Program (ER) will continue to be managed as a DOE Major System Acquisition (MSA).
- The existing Davis-Bacon "covered" determination for the construction activities will not change.
- Design and procurement durations associated with sludge treatment are based on Safety Category III, Quality Level III, and system classification.
- HNUS will be sole sourced as the Conceptual Design and Treatability MTS subcontractor. Title II, III, and startup assistance will be awarded through the A-E MTS subcontract vehicle. Waste Certification and Onsite Transportation are an EG&G responsibility.
- The minimal treatment of pondsludge and pondcrete will be performed on the 750 Pad and/or 904 Pad. Space will be made available by shipping LDR compliant saltcrete to Envirocare, moving waste to the new centralized waste storage facility, or some other location.
- One process train will be constructed to process both C Pond/Clarifier and A/B Pond sludges. This equipment will be located in the vicinity of the 750 Pad. A crushing system, at minimum, will be required for pondcrete processing.
- EnviroCare will be the waste disposal site for the wastes generated during pond closure (and not placed under the engineered barrier) and will be available per the closure schedule; no new storage areas are needed at Rocky Flats for this material.
- IHSS 176 will be annexed as part of OU 4 closure.
- Initial issue of the Decision Document (DD) does not include the C-Pond and B-South Pond Remedial Investigation. The C-Pond and B-South Pond Remedial Investigation will be included through amendment of the IM/IRA when available and is excluded from the deliverable-commitments for the IAG.
- A Corrective Action Management Unit (CAMU) is granted by allowing soils on the edge of Pond 207C to be excavated and placed under the cap without treatment to comply with Land Disposal Restrictions.
- The DOE will concur with and approve the hazard classification of the remediation of OU 4 to be Category III.

- Removal of liners and soil offsite will not be required for pond partial closure, though some minimal consolidation of these materials within the pond IHSS may occur.
- The scope of NEPA activities for Phase I remediation will be an Environmental Assessment only (an Environmental Impact statement will not be required).
- The stabilized sludge and pondcrete waste product must meet waste acceptance criteria of Performance standards as defined in the IM/IRA DD. FO39 analyte listing will not be required.
- 750 and 904 Pad operations, maintenance, and RCRA compliance, while still funded by EM 40, are in waste management scope, not solar ponds' scope.